This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claim 1 (currently amended): A method for providing a virtual namespace for a compute capsule, comprising:

assigning a virtual token to a resource within said compute capsule, said resource being of an underlying machine and capable of being named by said compute capsule, said compute capsule being configured to provide an encapsulated form that is capable of being moved between computers without restriction, the computers associated with different physical devices;

interposing a name translator between said resource and said compute capsule;

binding said resource to said virtual token in a manner transparent to an application level; and

translating said virtual token into said resource using said name translator, if the compute capsule names said resource, wherein the translating is transparent to both an operating system level and the application level.

Claim 2 (original): The method of claim 1 wherein said name translator is a hash table.

Claim 3 (previously presented): The method of claim 1 wherein said virtual token is only identifiable from within said compute capsule.

Claims 4-6 (canceled)

Claim 7 (previously presented): The method of claim 1 further comprising:

controlling access to said compute capsule.

Claim 8 (currently amended): A virtual namespace for a compute capsule

comprising:

a virtual token configured to represent a resource within said compute capsule, said

resource not being shared with other compute capsules, said resource being of an underlying

machine and capable of being named by said compute capsule, said compute capsule being

configured to provide an encapsulated form that is capable of being moved between

computers without restriction, the computers associated with different physical devices;

a name translator configured to be interposed between said resource and said compute

capsule;

a binder configured to bind said resource to said virtual token in a manner transparent

to an application level; and

a translator configured to translate said virtual token into said resource using said

name translator, if the compute capsule names said resource, wherein translation through the

translator is transparent to both an operating system level and the application level.

Claim 9 (original): The virtual namespace of claim 8 wherein said name translator is

a hash table.

Claim 10 (previously presented): The virtual namespace of claim 8 wherein said virtual token is only identifiable from within said compute capsule.

Claims 11-13 (canceled)

Claim 14 (previously presented): The virtual namespace of claim 8 further comprising:

an access control list for controlling access to said compute capsule.

Claim 15 (currently amended): A computer program product comprising:

a computer usable medium having computer readable program code embodied therein configured to provide a virtual namespace for a compute capsule, said computer program product comprising:

computer readable code configured to cause a computer to assign a virtual token to a resource within said compute capsule, said resource being of an underlying machine and capable of being named by said compute capsule, said compute capsule being configured to provide an encapsulated form that is capable of being moved between computers without restriction, the computers associated with different physical devices;

computer readable code configured to cause a computer to interpose a name translator between said resource and said compute capsule;

computer readable code configured to cause a computer to bind said resource to said virtual token in a manner transparent to an application level; and

computer readable code configured to cause a computer to translate said virtual token

into said resource using said name translator, if the compute capsule names said resource,

wherein translation is transparent to both an operating system level and the application level.

Claim 16 (original): The computer program product of claim 15 wherein said name

translator is a hash table.

Claim 17 (previously presented): The computer program product of claim 15 wherein

said virtual token is only identifiable from within said compute capsule.

Claims 18-20 (canceled)

Claim 21 (previously presented): The computer program product method of claim 15

further comprising:

computer readable code configured to cause a computer to control access to said

compute capsule.

Claim 22 (previously presented): The method of claim 1, wherein said compute

capsule encapsulates an active computing environment.

Claim 23 (previously presented): The method of claim 22, wherein said active

computing environment includes one or more processes and state information that allows said

compute capsule to be suspended and revived on a binary compatible machine.

Claim 24 (previously presented): The method of claim 1, wherein said resource is defined by one or more of a file, a processor, a memory, and an attached device.

Claim 25 (original): The method of claim 1, wherein said compute capsule is configured to communicate with processes outside said compute capsule through Internet sockets and globally shared files.

Claim 26 (original): The method of claim 1, wherein said compute capsule is configured to provide an encapsulated form that is independent of configuration settings of a host system.